



Information Disclosure Statement

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|---------------------|---|
| Application No.: | 09/617,439 |
| Appl'n Filing Date: | July 14, 2000 |
| Examiner: | Blanche WONG |
| Art Unit: | 2667 |
| Attorney Docket: | 2000-0405 |
| First Inventor: | Jin-Meng HO et al. |
| Title of Invention: | CENTRALIZED CONTENTION AND RESERVATION REQUEST FOR QOS-DRIVEN WIRELESS LANS |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient first class postage as first class mail, addressed to the above address on the date shown below.

Signature of Raymond C. Glenn:

Date: September 13, 2005

Sir:

The documents listed on the accompanying Form(s) PTO-1449 were cited various related patent applications. Because this IDS is filed before an Office Action on the merits in this RCE, no fee is believed to be due. However, in the event that a fee is properly required for consideration of this IDS, then such fee may be charged to Deposit Account 50-2952 (Glenny).

Action requested of PTO:



The examiner is requested to initial the space adjacent the document entries on the accompanying Form(s) PTO-1449, and to return a copy thereof to confirm that the documents have been considered and have been officially made of record in this application.




Applicants request that this IDS be placed in the PTO file wrapper, in view of the fact that the case has already been allowed.

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|-------------------------------------|--|
| <input type="checkbox"/> | A \$180 fee under 37 C.F.R. § 1.17(p) is enclosed. |
| <input checked="" type="checkbox"/> | No fee is enclosed. |

Notice of Related Applications: The following patent applications may be considered related:

| Atty Docket | App Filed | App No | Examiner | Art Unit | Pat No |
|--------------|----------------|------------|---------------------|----------|-----------------|
| 2000-0395 | July 14, 2000 | 09/616,900 | Melanie JAGANNATHAN | 2666 | 6,862,270 |
| 2000-0396 | July 14, 2000 | 09/616,901 | Frank DUONG | 2666 | 6,804,222 |
| 2000-0396CON | Aug. 13, 2004 | 10/917,951 | - | - | |
| 2000-0396CIP | July 18, 2005 | 11/183,453 | - | - | |
| 2000-0397 | July 14, 2000 | 09/617,083 | - | - | |
| 2000-0398 | July 14, 2000 | 09/616,897 | Afsar M. QURESHI | 2667 | IF paid 3/4/05 |
| 2000-0398CON | March 7, 2005 | 11/073,788 | - | - | |
| 2000-0399 | July 14, 2000 | 09/616,896 | Anthony TON | 2661 | |
| 2000-0400 | July 14, 2000 | 09/617,493 | - | - | 6,850,981 |
| 2000-0401 | July 14, 2000 | 09/617,494 | Chirag G. SHAH | 2664 | IF Sept. 2005 |
| 2000-0402 | July 14, 2000 | 09/616,878 | Chirag G. SHAH | 2664 | IF Aug. 2005 |
| 2000-0403 | July 14, 2000 | 09/617,440 | Daniel K. LAM | 2667 | IF paid 4/28/05 |
| 2000-0403CON | April 28, 2005 | 11/116,857 | - | - | |
| 2000-0404 | July 14, 2000 | 09/616,885 | Chirag SHAH | 2664 | |
| 2000-0405 | July 14, 2000 | 09/617,439 | Blanche WONG | 2667 | |
| 2000-0406 | July 14, 2000 | 09/616,884 | Chirag G. SHAH | 2664 | |
| 1999-0408 | June 19, 2000 | 09/596,712 | David VINCENT | - | 6,747,959 |
| 1999-0408CON | April 21, 2004 | 10/829,113 | - | - | |
| 1999-0409 | June 19, 2000 | 09/597,392 | - | - | |

Respectfully submitted,

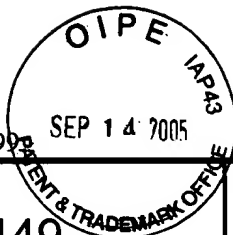
By: 

Date: September 13, 2005
For Customer No. 26,652
Telephone: 301.464.0431

Raymond C. Glenny
Registration No. 32,413

A. 11/17/2003 from 2000-0399

SEP 14 2005



Form PTO-1449

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Attorney Docket

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Blanche WONG

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Group Art Unit

2667

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|---------|----------------------|-------|-----------|-------------|
| | A | 6,567,408 | 5/2003 | Li <i>et al.</i> | | | |
| | B | 6,262,976 | 7/2001 | McNamara | | | |
| | C | 6,600,744 | 7/2003 | Carr <i>et al.</i> | | | |
| | D | 6,538,989 | 3/2003 | Carter <i>et al.</i> | | | |
| | E | 6,625,156 | 9/2003 | Shaio <i>et al.</i> | | | |
| | F | 6,452,915 | 9/2002 | Jorgensen | | | |
| | G | 6,317,438 | 11/2001 | Trebes, Jr. | | | |
| | H | | | | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|--------|---------|----------|-------|-----------|-------------|
| | L | JP02072736A | 3-1990 | JP | Kurokawa | | | |
| | M | | | | | | | |
| | N | | | | | | | |
| | O | | | | | | | |
| | P | | | | | | | |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

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| | Q | |
| | R | |
| | S | |

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1/2/2004 from 2000-0396

Form PTO-1449

Information Disclosure Citation

SEP 14 2005
PATENT & TRADEMARK OFFICE

| | |
|--|-------------------------------|
| Attorney Docket 2000-0405 | Application No. 09/617,439 |
| Applicant Jin-Meng HO et al. | Examiner Blanche WONG |
| Application Filing Date July 14, 2000 | Group Art Unit 2667 |

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|--------|------------------------|-------|-----------|-------------|
| | A | 5,717,688 | 2/1998 | Belanger <i>et al.</i> | | | |
| | B | | | | | | |
| | C | | | | | | |
| | D | | | | | | |
| | E | | | | | | |
| | F | | | | | | |
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Foreign Patent Documents

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|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|---|--|
| Q | Cali <i>et al.</i> "IEEE 802.11 Wireless LAN: Capacity Analysis and Protocol Enhancement," <i>IEEE</i> , 0-7803-4386-7/98, pages 1-8, 1998. |
| R | Deng <i>et al.</i> "A Priority Scheme for IEEE 802.11 DCF Access Method," <i>IEICI Trans. Comm.</i> , Vol. E82-B, No. 1, pp. 96-102, January 1999. |
| S | |

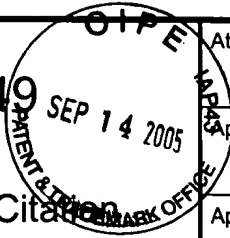
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| Examiner Signature | Date Considered |
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C. 5/13/2004 from 2000-0398

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Applicant

Jin-Meng HO et al.

Examiner

Blanche WONG

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U.S. Patent Documents

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|-------------------|------|-----------------------------|---------|-------------------|-------|-----------|-------------|
| | A | 5,623,495 | 4/1997 | Eng <i>et al.</i> | | | |
| | B | 5,982,748 | 11/1999 | Yin <i>et al.</i> | | | |
| | C | | | | | | |
| | D | | | | | | |
| | E | | | | | | |
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Foreign Patent Documents

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|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|---|--|
| | Q | Zhijun, Gong, <i>et al.</i> "QoS guaranteed Wireless LAN—Wireless access to ATM", <i>International Conference on Communication Technology, ICCT'98</i> , October 22-24, 1998, Beijing, China, pages S31-11-1 through S31-11-5. |
| | R | |
| | S | |

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D. 6/21/2004 from 2000-0403



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Attorney Docket

2000-0405

Application No.

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Applicant

Jin-Meng HO et al.

Examiner

Blanche WONG

Application Filing Date

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Group Art Unit

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| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|--------|----------------------------|-------|-----------|-------------|
| | A | 6,366,577 | 4-2002 | Donovan | | | |
| | B | 5,638,371 | 6-1997 | Raychaudhuri <i>et al.</i> | | | |
| | C | 6,728,365 | 4-2004 | Li <i>et al.</i> | | | |
| | D | 6,738,361 | 5-2004 | Immonen <i>et al.</i> | | | |
| | E | 6,628,629 | 9-2003 | Jorgenson | | | |
| | F | | | | | | |
| | G | | | | | | |
| | H | | | | | | |
| | I | | | | | | |
| | J | | | | | | |
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Foreign Patent Documents

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|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|---|--|
| Q | RFC 2814, Yavatkar <i>et al.</i> , "SBM (Subnet Bandwidth Manager)", May 2000, www.ietf.org. |
| R | RFC 2205, Braden <i>et al.</i> , "Resource Reservation Protocol (RSVP)", September 1997, www.ietf.org. |
| S | |

Examiner Signature

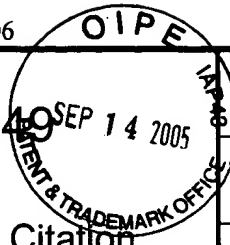
Date Considered

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E. 10/13/2004 from 2000-0406

Form PTO-1449

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Attorney Docket

2000-0405

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Jin-Meng HO et al.

Examiner

Blanche WONG

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U.S. Patent Documents

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|-------------------|------|-----------------------------|---------|-------------------------|-------|-----------|-------------|
| | A | 6,411,611 | 06/2002 | van der Tuijn | | | |
| | B | 6,741,576 | 05/2004 | Alimi <i>et al.</i> | | | |
| | C | 6,747,968 | 06/2004 | Seppala <i>et al.</i> | | | |
| | D | 6,785,252 | 08/2004 | Zimmerman <i>et al.</i> | | | |
| | E | 6,119,214 | 09/2000 | Dirks | | | |
| | F | 6,738,361 | 05/2004 | Immonen <i>et al.</i> | | | |
| | G | 6,597,682 | 07/2003 | Kari | | | |
| | H | 6,115,390 | 09/2000 | Chuah | | | |
| | I | 6,034,967 | 03/2000 | Citta | | | |
| | J | 6,765,872 | 07/2004 | Tazaki | | | |
| | K | 6,704,321 | 03/2004 | Kamiya | | | |
| | L | 6,563,793 | 05/2003 | Golden <i>et al.</i> | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |
| | Q | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

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Examiner Signature

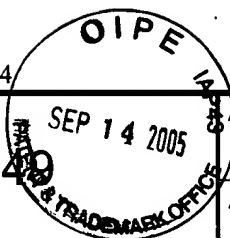
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F. 10/13/2004 from 2000-0404

Form PTO-1449

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Attorney Docket

2000-0405

Application No.

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Applicant

Jin-Meng HO et al.

Examiner

Blanche WONG

Application Filing Date

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Group Art Unit

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U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
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| | A | 5,949,768 | 09-1999 | Citta <i>et al.</i> | | | |
| | B | 6,377,548 | 04-2002 | Chuah | | | |
| | C | 6,567,416 | 05-2003 | Chuah | | | |
| | D | 6,587,453 | 07-2003 | Romans <i>et al.</i> | | | |
| | E | 6,704,932 | 03-2004 | Matsunaga <i>et al.</i> | | | |
| | F | 6,747,968 | 06-2004 | Seppala <i>et al.</i> | | | |
| | G | 6,754,176 | 06-2004 | Gubbi <i>et al.</i> | | | |
| | H | 6,788,950 | 09-2004 | Raissinia <i>et al.</i> | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
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| | Q | |
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Examiner Signature

Date Considered

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G. 11/1/2004 from 2000-0401 and 0402

Form PTO-1449

SEP 14 2005

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Attorney Docket

2000-0405

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Applicant

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Examiner

Blanche WONG

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|-------------------|------|-----------------------------|---------|-----------------------|-------|-----------|-------------|
| | A | 6,119,214 | 09/2000 | Dirks | | | |
| | B | 6,597,682 | 07/2003 | Kari | | | |
| | C | 6,640,248 | 10/2003 | Jorgensen | | | |
| | D | 6,738,361 | 05/2004 | Immonen <i>et al.</i> | | | |
| | E | 6,747,968 | 06/2004 | Seppala <i>et al.</i> | | | |
| | F | 6,563,793 | 05/2003 | Golden <i>et al.</i> | | | |
| | G | 6,704,321 | 03/2004 | Kamiya | | | |
| | H | 6,765,872 | 07/2004 | Tazaki | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

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|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|---|---|
| Q | R. Yavatkar <i>et al.</i> , "SBM: A Protocol for RSVP-based Admission Control over IEEE-802-style Networks", Internet Engineering Task Force, <i>RFC 2814</i> , May 2000. |
| R | R. Braden, "Resource Reservation Protocol (RSVP) ver. 1 "Internet Engineering Task Force, <i>RFC 2205</i> , September 1997. |
| S | |

Examiner Signature

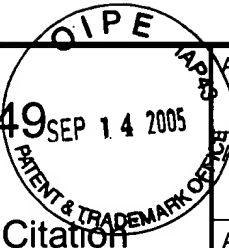
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H. 6/15/2005 from 2000-0404

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| | D | 6,587,453 | 7/2003 | Romans <i>et al.</i> | | | |
| | E | 6,704,932 | 3/2004 | Matsunaga <i>et al.</i> | | | |
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| | K | | | | | | |

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|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

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| | Q | |
| | R | |
| | S | |

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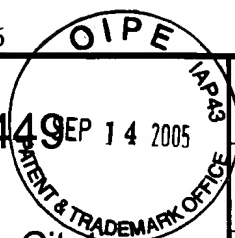
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| | B | 6,741,576 | 5/2004 | Alimi <i>et al.</i> | | | |
| | C | 6,747,968 | 6/2004 | Seppala <i>et al.</i> | | | |
| | D | 6,785,252 | 8/2004 | Zimmerman <i>et al.</i> | | | |
| | E | 6,119,214 | 9/2000 | Dirks | | | |
| | F | 6,738,361 | 5/2004 | Immonen <i>et al.</i> | | | |
| | G | 6,597,682 | 7/2003 | Kari | | | |
| | H | 6,115,390 | 9/2000 | Chuah | | | |
| | I | 6,034,967 | 3/2000 | Citta <i>et al.</i> | | | |
| | J | 6,765,872 | 7/2004 | Tazaki | | | |
| | K | 6,704,321 | 3/2004 | Kamiya | | | |
| | L | 6,563,793 | 5/2003 | Golden <i>et al.</i> | | | |

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| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

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|--|---|--|
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